

**PARUL UNIVERSITY**  
**FACULTY OF ARCHITECTURE & PLANNING**  
**B.Arch./B.ID., Summer 2017-18 Examination**

**Semester: 5**  
**Subject Code: 01101305**  
**Subject Name: Landscape Architecture**

**Date: 17/05/2018**  
**Time: 2:00pm to 4:00pm**  
**Total Marks: 50**

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Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever required.
4. Draw suitable sketches wherever required.

**Q:1** Describe in detail the design principles of Landscape Architecture.

What considerations are to be kept in mind while designing a Garden space for any residence. (10)  
Explain with suitable examples.

**Q:2 Describe briefly with sketches: (Attempt any 5)**

- a. Criteria to select plants for any 2 climatic conditions.
- b. Difference between Landscaping and Gardening
- c. Discuss the consideration of landscape in parking areas.
- d. Components of Ecosystem (20)
- e. Explain role of water bodies in urban region and its impact on climate
- f. Define/Explain briefly:
  - i. Griha
  - ii. Heat Island and Micro Climate

**Q:3 Short Questions: (Attempt any 5)**

- a. Sketch Elements of Mughal Garden
- b. Sketch elements of Chinese Garden
- c. Define Landscape Ecology (10)
- d. Consideration of Plants in Parking area
- e. Define: Scale and Structure
- f. Describe Ecosystem

**Q:4 Explain with appropriate sketches and case studies (Attempt any 2)**

- a. Explain in detail the functional aspects of Plants (10)
- b. Explain process of Planting and Transplanting in Landscaping
- c. Why rain water harvesting is important and how it can be done in small residential spaces.